

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-276-2
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

NISSAN DIESEL MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Nissan Diesel Motor Co., Ltd. 1987 model-year diesel engines have shown compliance with the transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HNDD452EAB2	452 (7.4)	Engine Modification (Turbocharger) (Diesel Injection - Direct)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:


<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
1.0	3.2	4.8

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 16th day of May, 1986.


K. D. Drachand, Chief
Mobile Source Division

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HEAVY-DUTY DIESEL ENGINESManufacturer Nissan Diesel Motor Co., Ltd. Engine Family HNDO452EAB2Liter (CID) 7.4 (452) Eng. Type Inline 6Emission Control Sys. and (Special Features) EM/(TC) (DID)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP at RPM	Fuel Rate mm ³ /stroke (lbs/Hr) at Max. HP	Maximum Rated Torque at RPM	Fuel Rate mm ³ /stroke (lbs/Hr) at Max. Torque
NE6T-Z	Diesel Kiki Co., Ltd.: 16713 95073	Diesel Kiki Co., Ltd.: 16600 95011	200 HP @ 2800 RPM	94.0 (88.4)	456 lb.ft @1600 RPM	97.0 (52.1)

Date of Issue _____ Revisions: _____